

FEDERAL ITEM IDENTIFICATION GUIDE

TRANSPORT, MAGNETIC TAPE

ITEM NAME CODE

61291

This Reprint replaces FIIG A508G Reprint dated September 5, 2008.



Commander

Defense Logistics Information Service

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Table of Contents

SECTION I	4
Reply Tables	15
Reference Drawing Groups.....	19
FIIG Change List	20

SECTION I

MRC	Mode Code	Requirements																		
NAME	D	ITEM NAME																		
Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.																				
Reply Instructions: Enter the Item Name Code applicable to this FIIG. (e.g., NAMED61291*)																				
CPLR	D	UNIT DESIGN																		
Definition: THE DESIGN OF THE UNIT.																				
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPLRDAFD*; CPLRDAFD\$DAJQ*)																				
<table><tr><td><u>REPLY CODE</u></td><td><u>REPLY (AK54)</u></td></tr><tr><td>AJQ</td><td>CABINET</td></tr><tr><td>FVC</td><td>DESK TOP</td></tr><tr><td>FUY</td><td>FREE STANDING</td></tr><tr><td>BXY</td><td>INTERNAL</td></tr><tr><td>AVA</td><td>MULTIPLE ITEM W/CARRYING CASE</td></tr><tr><td>AFD</td><td>PANEL MOUNTED</td></tr><tr><td>FVE</td><td>RACK MOUNTED</td></tr><tr><td>AUZ</td><td>SINGLE ITEM W/CARRYING CASE</td></tr></table>			<u>REPLY CODE</u>	<u>REPLY (AK54)</u>	AJQ	CABINET	FVC	DESK TOP	FUY	FREE STANDING	BXY	INTERNAL	AVA	MULTIPLE ITEM W/CARRYING CASE	AFD	PANEL MOUNTED	FVE	RACK MOUNTED	AUZ	SINGLE ITEM W/CARRYING CASE
<u>REPLY CODE</u>	<u>REPLY (AK54)</u>																			
AJQ	CABINET																			
FVC	DESK TOP																			
FUY	FREE STANDING																			
BXY	INTERNAL																			
AVA	MULTIPLE ITEM W/CARRYING CASE																			
AFD	PANEL MOUNTED																			
FVE	RACK MOUNTED																			
AUZ	SINGLE ITEM W/CARRYING CASE																			
CSBH *	J	VOLTAGE IN VOLTS AND CURRENT TYPE																		
Definition: THE TOTAL ELECTRICAL VOLTAGE, EXPRESSED IN VOLTS, AND THE TYPE OF CURRENT WHETHER ALTERNATING OR DIRECT.																				
Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CSBHJDC12.0*; CSBHJDC12.0\$\$JAC120.0*)																				
<table><tr><td><u>REPLY CODE</u></td><td><u>REPLY (AN87)</u></td></tr><tr><td>AC</td><td>AC</td></tr><tr><td>DC</td><td>DC</td></tr></table>			<u>REPLY CODE</u>	<u>REPLY (AN87)</u>	AC	AC	DC	DC												
<u>REPLY CODE</u>	<u>REPLY (AN87)</u>																			
AC	AC																			
DC	DC																			
CYHT	D	PHYSICAL TAPE FORMAT TYPE																		

A508G
INC 61291
SECTION I

MRC	Mode Code	Requirements
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Definition: INDICATES THE TYPE OF PHYSICAL TAPE FORMAT USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CYHTDAAE*)

<u>REPLY CODE</u>	<u>REPLY (AJ79)</u>
AAE	CARTRIDGE
AAD	CASSETTE
AAF	OPEN REEL

CYEB * D ACCOMMODATED REEL SIZE

NOTE: Answer for open reels only.

Definition: DESIGNATES THE SIZE OF THE REEL THAT THE ITEM WILL ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CYEBDAAM* CYEBDAAM\$DABY*)

<u>REPLY CODE</u>	<u>REPLY (AF81)</u>
AAM	6
AAT	7
AVM	6-1/4
ABH	8-1/2
ABY	10-1/2

CYJK * J ACCOMMODATED TAPE WIDTH IN INCHES

Definition: DESIGNATES THE WIDTH OF THE TAPE THAT THE ITEM CAN ACCOMMODATE, EXPRESSED IN INCHES.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CYJKJAAE0.25*)

<u>REPLY CODE</u>	<u>REPLY (AJ79)</u>
AAE	CARTRIDGE
AAF	OPEN REEL

CYEC * D INTERFACE TYPE

A508G
INC 61291
SECTION I

MRC Mode
 Code Requirements

Definition: INDICATES THE TYPE OF INTERFACE(S) AVAILABLE FOR INPUT/OUTPUT COMMUNICATIONS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CYECDGS*; CYECDGS\$\$DHC*)

<u>REPLY CODE</u>	<u>REPLY (AE79)</u>
DW	BNC
GS	CENTRONICS
GV	DB 25 FEMALE
GW	DB 25 MALE
GT	DB9
GU	DB15
GX	DEC 425
GY	DIN
JD	EDGE CONNECTOR
HF	ESDI
JC	IDE
GZ	IEEE 488
HG	MFH
HA	RJ11
HB	RJ45
HH	RLL
HC	RS 232C
HD	RS 422
HJ	SCSI
JJ	SCSI-2
HE	1553

CYJL * J READ/WRITE SPEED IN INCHES PER SECOND

NOTE: For items giving variable speeds for either start/stop or streaming, enter only the maximum values.

Definition: THE SPEED THAT INFORMATION CAN BE WRITTEN ON OR READ OFF THE ITEM, EXPRESSED IN INCHES PER SECOND.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CYJLJAPT30.0*; CYJLJAPT30.0\$\$JAPS75.0*)

<u>REPLY CODE</u>	<u>REPLY (AB44)</u>
APT	START/STOP
APS	STREAMING

A508G
INC 61291
SECTION I

MRC	Mode Code	Requirements
CYHQ *	B	TRANSFER RATE IN MEGABYTES PER SECOND
Definition: THE RATE THAT INFORMATION IS TRANSFERED FROM ONE SOURCE TO ANOTHER, EXPRESSED IN MEGABYTES PER SECOND .		
Reply Instructions: Enter the numeric value. (e.g., CYHQB2.8*)		
CYJJ *	A	RECORDING TRACKS PER HEAD
Definition: THE NUMBER OF TRACKS USED FOR RECORDING AND PLAYBACK.		
Reply Instructions: Enter the quantity. (e.g., CYJJA9*)		
CYGW *	J	BUFFER SIZE
Definition: DESIGNATES THE MAXIMUM SIZE OF THE TEMPORARY DATA STORAGE CAPABILITY OF THE ITEM.		
Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CYGWJMT64.0*)		

<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
MT	BYTES
ML	GIGABYTES
MM	KILOBYTES
MN	MEGABYTES

ABHP *	J	OVERALL LENGTH
Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.		
Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA3.500*; ABHPJAB2.500\$JAC3.500*; ABHPJLA25.4*)		

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>Table 2</u>	
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>

A508G
INC 61291
SECTION I

MRC	Mode Code	Requirements
		A B C
		NOMINAL MINIMUM MAXIMUM

ABKW * J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.750*; ABKWJAB2.000\$\$JAC2.750*; ABKWJLA25.4*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABMK * J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA1.385*; ABMKJAB1.250\$\$JAC1.500*; ABMKJLA25.4*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

A508G
INC 61291
SECTION I

MRC	Mode Code	Requirements
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CBBL * D FEATURES PROVIDED

NOTE: For multiple replies, record in table sequence.

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBLDDQK*; CBLDDQK\$DDBN*)

<u>REPLY CODE</u>	<u>REPLY (AN47)</u>
DQK	AUTOTHREADING
DZB	BIASING CONTROLS
DTL	CONTROLLER BOARD
DBN	ELECTROMAGNETIC INTERFERENCE SHIELDING (EMI)
DVD	EXPANDABLE BUFFER MEMORY
AGQ	RFI SHIELDING
CEN	RUGGEDIZED
DMF	TEMPEST

NHCF * D NUCLEAR HARDNESS CRITICAL FEATURE

NOTE: If the Criticality Code is E, H, or M, reply to MRC NHCF.

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., NHCFDCY*)

<u>REPLY CODE</u>	<u>REPLY (AD05)</u>
CY	HARDENED

PMLC * J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

A508G
INC 61291
SECTION I

MRC Mode
 Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAU A000TERMINALS*; PMLCJAU A000TERMINALS\$\$\$JAGA000INTERNAL SURFACES*; PMLCJAU A000TERMINAL\$JAGA000INTERNAL SURFACES*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

AFGA * J OPERATING TEMP RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS OF TEMPERATURE AT WHICH THE ITEM IS RATED FOR OPERATION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values seperated by a slash. Precede negative values with an M and positive values with a P. (e.g., AFGAJCM55.0/P125.0*)

<u>REPLY CODE</u>	<u>REPLY (AB36)</u>
C	DEG CELSIUS
F	DEG FAHRENHEIT

FEAT * G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED*)

ZZZK * J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

A508G
INC 61291
SECTION I

MRC	Mode Code	Requirements
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Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

ZZZT * J NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

A508G
INC 61291
SECTION I

MRC	Mode Code	Requirements
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Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)		
ZZZY *	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.		
Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)		
CRTL *	A	CRITICALITY CODE JUSTIFICATION
Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.		
Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAAKJA*; CRTLAAKJA\$\$ACSGS*)		
Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.		
PRPY *	A	PROPRIETARY CHARACTERISTICS
NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.		
Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.		
Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAAKJA\$\$ACSGS*)		

A508G
INC 61291
SECTION I

MRC	Mode Code	Requirements
ELRN *	G	EXTRA LONG REFERENCE NUMBER Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS. Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*). If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365). In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.
CLQL *	G	COLLOQUIAL NAME Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN. Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)
AGAV *	G	END ITEM IDENTIFICATION Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART. Reply Instructions: Enter the applicable reply in clear text. (e.g., AGAVG3930-00-000-0000*; AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)
CXCY *	G	THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM. Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

A508G
INC 61291
SECTION I

MRC	Mode Code	Requirements
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Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR
CONTROL BOARD*)

Reply Tables

Table 1 - OUNCE TO DECIMAL OF A POUND CONVERSION 16

Table 2 - NONDEFINITIVE SPEC/STD DATA..... 16

Table 1 - OUNCE TO DECIMAL OF A POUND CONVERSION
OUNCE TO DECIMAL OF A POUND CONVERSION

<u>OUNCES</u>	<u>POUNDS</u>
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

Table 2 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
BA	IMAGE
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

FIIG Change List

FIIG Change List, Effective November 6, 2009

ADDED Reply Codes "AVA and AVR" to MRC CPLR.